

START

MEASURE THE BEHAVIOR OF
TWO ELEMENTS OF A SYSTEM
OVER TIME WITH RESPECT TO
MUTUAL INTERACTION

SAMPLE THE ELEMENTS AT
VARIOUS TIMES

EXPRESS A SERIES OF
CONSTRAINTS FOR A
THEORETICAL DISTANCE C
BETWEEN THE BEHAVIOR
FUNCTIONS OF THE TWO
ELEMENTS USING THE
SAMPLES

IS THERE A
VALUE C THAT
SATISFIES ALL
OF THE
CONSTRAINTS?

YES

ELEMENTS ARE BEHAVING AS
MUTUALLY INTERACTING

NO

ELEMENTS ARE NOT
BEHAVING AS MUTUALLY
INTERACTING

FINISH

Fig. 1

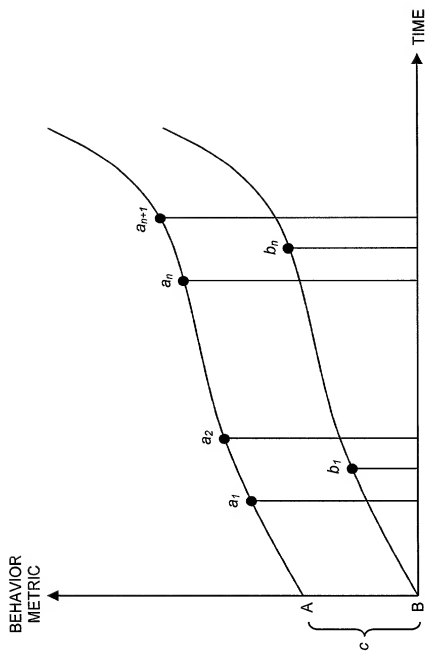


Fig. 2

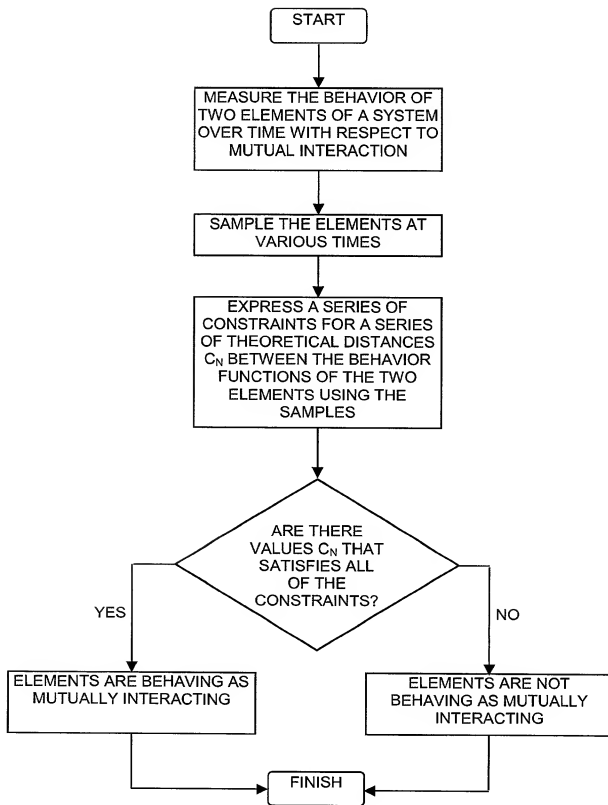


Fig. 3

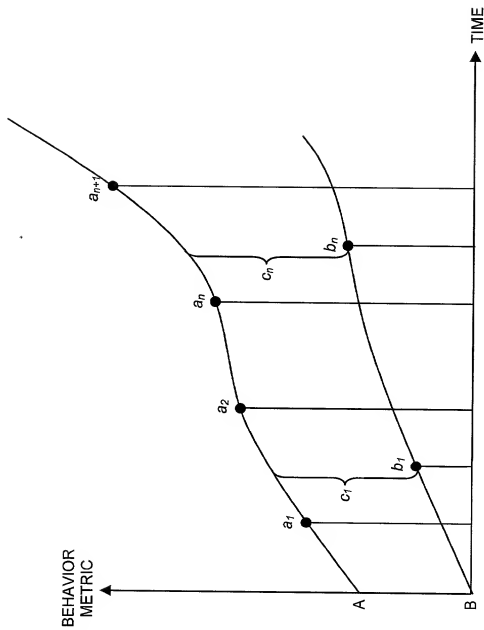


Fig. 4